Auditory Neuroscience

1.5 ECTS

Organizers: Narly Golestani and Damien Marie, UniGE

Description

The course will be comprised of six 2 to 3-hour sessions.

Dates and Location in 2018

- February 2, 9, 16 - March 2, 9, 16 (from 10-13h00)

  - Location: Biotech Campus in Geneva, building H8, room H8.01_145.175
  Directions from the GE train station: cross the street and tram line, and take the #1 bus going direction 'Jardin Botanique' (and not towards 'Petit Bel-Air'). Get off 6 stops later, at the stop called 'Mines'. The Biotech building is across from the bus stop (big modern glass building). You'll need a badge to get into the building, so make sure you get there in time to do so. Once you enter the revolving doors (i.e. with your badge), go up the stairs on your right, cross the very large hall diagonally (with restaurant etc) to the glass doors on the far right of the hall. Go in and keep crossing several doors, until you reach the Building H8 (you’ll see the sign on the door). Then go straight, follow the wall on the left (last room).

Sessions in 2018

- Friday February 2nd, 10:00-13:00 – Damien Marie: peripheral and central auditory physiology
- Friday February 9th, 10:00-13:00 – Adrien Meguerditchian: language, brain and primate communication: toward which continuities?
- Friday February 16th, 10:00-13:00 – Narly Golestani: role of the auditory cortex in language processing, and learning / experience-dependent plasticity
- Friday March 2nd, 10:00-13:00 – Pascal Senn: cochlear implant
- Friday March 9th, 10:00-13:00 – Daphne Bavelier: deafness and cross-modal plasticity / Sanne Rutten: contextual effect on the neural encoding of speech sounds
- Friday March 16th, 10:00-13:00 – Didier Grandjean: prosody and voice perception

Credit requirements

During 3-4 of the lectures there will be student presentations (in groups of 2 or 3, where each person presents part of the paper – e.g. introduction, methods/results, discussion) on a paper selected by the instructor. To receive credit, students must be actively involved in at least one presentation, and they must actively participate in the discussion during and following each presentation.

Registration

Register before January 5, 2018 by writing a mail to lndscourses@gmail.com (with your supervisor in copy) and stating the course title as subject.